

Message

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**From:** Walker, Stuart [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6907CF9284BF4BD5831517C27ECE9C53-SWALKE02]  
**Sent:** 12/16/2020 9:36:40 PM  
**To:** Dolislager, Fredrick G. [dolislagerf1@ornl.gov]  
**CC:** Manning, Karessa [manningkl@ornl.gov]  
**Subject:** RE: HPNS Post processing calculator results

## Ex. 5 Deliberative Process (DP)

Stuart Walker  
Superfund Remedial program National Radiation Expert  
Science Policy Branch  
Assessment and Remediation Division  
Office of Superfund Remediation and Technology Innovation  
W (703) 603-8748  
C (202) 262-9986

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**From:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Sent:** Wednesday, December 16, 2020 4:17 PM  
**To:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** RE: HPNS Post processing calculator results

Stuart,

## Ex. 5 Deliberative Process (DP)

fred d.

---

**From:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Sent:** Wednesday, December 16, 2020 12:59 PM  
**To:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** [EXTERNAL] RE: HPNS Post processing calculator results

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---

**From:** Dolislager, Fredrick G. <[dolislagerf1@ornl.gov](mailto:dolislagerf1@ornl.gov)>  
**Sent:** Wednesday, December 16, 2020 12:31 PM  
**To:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Cc:** Manning, Karessa <[manningkl@ornl.gov](mailto:manningkl@ornl.gov)>  
**Subject:** RE: HPNS Post processing calculator results

Stuart,

**Ex. 5 Deliberative Process (DP)**

fred d.

---

**From:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Sent:** Friday, October 23, 2020 11:29 AM  
**To:** Dolislager, Fredrick G. <[dolislagerf1@ornl.gov](mailto:dolislagerf1@ornl.gov)>  
**Cc:** Manning, Karessa <[manningkl@ornl.gov](mailto:manningkl@ornl.gov)>  
**Subject:** [EXTERNAL] RE: HPNS

**Ex. 5 Deliberative Process (DP)**

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**From:** Dolislager, Fredrick G. <[dolislagerf1@ornl.gov](mailto:dolislagerf1@ornl.gov)>  
**Sent:** Friday, October 23, 2020 10:34 AM  
**To:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Cc:** Manning, Karessa <[manningkl@ornl.gov](mailto:manningkl@ornl.gov)>  
**Subject:** RE: HPNS

**Ex. 5 Deliberative Process (DP)**

fred d.

---

**From:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Sent:** Friday, October 23, 2020 9:47 AM  
**To:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** [EXTERNAL] RE: HPNS

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**From:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Sent:** Friday, October 23, 2020 6:54 AM  
**To:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** Re: HPNS

## Ex. 5 Deliberative Process (DP)

Get Outlook for Android

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**From:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Sent:** Thursday, October 22, 2020 10:50:41 PM  
**To:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** [EXTERNAL] RE: HPNS

## Ex. 5 Deliberative Process (DP)

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---

**From:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Sent:** Thursday, October 22, 2020 3:45 PM  
**To:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** RE: HPNS

Stuart,

Karessa is done looking at it. What do you think?

fred d.

---

**From:** Dolislager, Fredrick G.  
**Sent:** Monday, October 19, 2020 2:09 PM  
**To:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** RE: HPNS

I made a spreadsheet and Karessa is looking at it first.

fred d.

---

**From:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Sent:** Sunday, October 18, 2020 11:22 PM  
**To:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** [EXTERNAL] RE: HPNS

## Ex. 5 Deliberative Process (DP)

Stuart Walker  
Superfund Remedial program National Radiation Expert  
Science Policy Branch  
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Office of Superfund Remediation and Technology Innovation  
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C (202) 262-9986

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**From:** Dolislager, Fredrick G. <dolislagerf1@ornl.gov>  
**Sent:** Sunday, October 18, 2020 12:40 PM  
**To:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Cc:** Manning, Karessa <manningkl@ornl.gov>  
**Subject:** Re: HPNS

## Ex. 5 Deliberative Process (DP)

Get [Outlook for Android](#)

---

**From:** Walker, Stuart <Walker.Stuart@epa.gov>  
**Sent:** Friday, October 16, 2020, 8:03 PM  
**To:** Dolislager, Fredrick G.  
**Cc:** Manning, Karessa  
**Subject:** [EXTERNAL] RE: HPNS

# Ex. 5 Deliberative Process (DP)

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Superfund Remedial program National Radiation Expert  
Science Policy Branch  
Assessment and Remediation Division  
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**From:** Dolislager, Fredrick G. <[dolislagerf1@ornl.gov](mailto:dolislagerf1@ornl.gov)>  
**Sent:** Friday, October 16, 2020 12:41 PM  
**To:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Cc:** Manning, Karessa <[manningkl@ornl.gov](mailto:manningkl@ornl.gov)>  
**Subject:** RE: HPNS

## Ex. 5 Deliberative Process (DP)

fred d.

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**From:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Sent:** Friday, October 16, 2020 11:29 AM  
**To:** Dolislager, Fredrick G. <[dolislagerf1@ornl.gov](mailto:dolislagerf1@ornl.gov)>  
**Cc:** Manning, Karessa <[manningkl@ornl.gov](mailto:manningkl@ornl.gov)>  
**Subject:** [EXTERNAL] RE: HPNS

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---

**From:** Dolislager, Fredrick G. <[dolislagerf1@ornl.gov](mailto:dolislagerf1@ornl.gov)>  
**Sent:** Thursday, October 15, 2020 1:10 PM  
**To:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Cc:** Manning, Karessa <[manningkl@ornl.gov](mailto:manningkl@ornl.gov)>  
**Subject:** RE: HPNS

## Ex. 5 Deliberative Process (DP)

Fred Dolislager  
Oak Ridge National Laboratory  
P.O Box 2008, Building 2040, MS 6309  
Oak Ridge, TN 37831  
(865) 576-5451 w  
(865) 241-5523 f

Ex. 6 Personal Privacy (PP) C

[fdolislager@utk.edu](mailto:fdolislager@utk.edu)  
<http://volweb.utk.edu/~dolislag/>

---

**From:** Walker, Stuart <[Walker.Stuart@epa.gov](mailto:Walker.Stuart@epa.gov)>  
**Sent:** Thursday, October 15, 2020 12:13 PM  
**To:** Dolislager, Fredrick G. <[dolislagerf1@ornl.gov](mailto:dolislagerf1@ornl.gov)>  
**Subject:** [EXTERNAL] FW: HPNS

Stuart Walker  
Superfund Remedial program National Radiation Expert  
Science Policy Branch  
Assessment and Remediation Division  
Office of Superfund Remediation and Technology Innovation  
W (703) 603-8748  
C (202) 262-9986

---

**From:** Walker, Stuart  
**Sent:** Friday, July 24, 2020 11:13 AM  
**To:** Praskins, Wayne <[Praskins.Wayne@epa.gov](mailto:Praskins.Wayne@epa.gov)>  
**Subject:** RE: HPNS

Hello Wayne,

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Stuart Walker  
Superfund Remedial program National Radiation Expert  
Science Policy Branch  
Assessment and Remediation Division  
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---

**From:** Praskins, Wayne <[Praskins.Wayne@epa.gov](mailto:Praskins.Wayne@epa.gov)>  
**Sent:** Tuesday, July 21, 2020 7:38 PM

To: Walker, Stuart <Walker.Stuart@epa.gov>

Subject: RE: HPNS

FYI - I pulled the ORNL values for the different receptor scenarios from the 4 spreadsheets. (The last column below provides the minimum of the 4 values.) The corner scenario appears to be the most stringent for all radionuclides:

	ORNL Ext. Exposure PRGs- floor + 6' wall	ORNL Ext. Exposure PRGs- floor + 6' wall	ORNL Ext. Exposure PRGs- floor + 6' wall	ORNL Ext. Exposure PRGs- floor + 6' wall	ORNL Ext. Exposure PRGs- floor + 6' wall
	center, pCi/cm2	corner, pCi/cm2	average, pCi/cm2	center wall, pCi/cm2	minimum, pCi/cm2
Am-241	12.4	7	8.2	8.4	7.2
Cs-137	21.8	13.1	14.7	15.1	13.1
Co-60	5.2	3.2	3.5	3.6	3.2
Eu-152	9.3	5.8	6.5	6.7	5.8
Eu-154	8.9	5.5	6.2	6.3	5.5
H-3					
Pu-239	10.9	6.4	7.2	7.4	6.4
Ra-226	6.3	3.9	4.3	4.4	3.9
Sr-90	251.1	142.7	160.4	166.1	142.7
Th-232	4.7	2.8	3.2	3.2	2.8
U-235	10.9	2.8	7.2	7.4	2.8

Wayne Praskins | Superfund Project Manager  
U.S. Environmental Protection Agency Region 9  
75 Hawthorne St. (SFD-7-3)  
San Francisco, CA 94105  
415-972-3181

From: Praskins, Wayne

Sent: Tuesday, July 21, 2020 2:11 PM

To: Walker, Stuart <Walker.Stuart@epa.gov>

Subject: HPNS

Stuart –

I'll call you about 6 ET.

## Ex. 5 Deliberative Process (DP)



## **Ex. 5 Deliberative Process (DP)**

Wayne Praskins | Superfund Project Manager  
**U.S. Environmental Protection Agency Region 9**  
75 Hawthorne St. (SFD-7-3)  
San Francisco, CA 94105  
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